

IN THE CLAIMS

Please amend the claims as follows:

1-17. (Cancelled)

18. (Currently Amended) A method comprising:

accessing a video signal, the video signal comprising a plurality of frames; and

producing a modulated video signal by raising luminance of a first frame and lowering luminance of a second frame of the plurality of frames in a substantially invisible way, wherein the raising of the luminance of the first frame increases total luminance of the first frame and the lowering of the luminance of the second frame decreases the total luminance of the second frame.

19. (Previously Presented) The method of claim 18, wherein producing a modulated video signal comprises:

producing a modulated video signal by raising luminance of a first plurality of pixels of a first frame of the plurality of frames and lowering luminance of a second plurality of pixels of a second frame of the plurality of frames in a substantially invisible way.

20. (Previously Presented) The method of claim 19, wherein the first plurality of pixels includes a same selection of pixels as the second plurality of pixels.

21. (Previously Presented) The method of claim 19, wherein at least some of the first plurality of pixels are located in the first frame at a same location of at least some of the second plurality of pixels in the second frame.

22. (Previously Presented) The method of claim 19, wherein the first plurality of pixels includes an entire portion of pixels of the first frame and the second plurality of pixels includes the entire portion of pixels of the second frame.

23. (Previously Presented) The method of claim 19, wherein producing a modulated video signal comprises:

producing a modulated video signal by raising luminance of a first frame and lowering luminance of a second frame of the plurality of frames in a substantially invisible way, the first frame and the second frame being consecutive frames of the plurality of frames.

24. (Previously Presented) The method of claim 18, wherein producing a modulated video signal comprises:

producing a modulated video signal by raising luminance of a first frame by a first amplitude level of at least two amplitude levels and lowering luminance of a second frame of the plurality of frames by a second amplitude level of the at least two amplitude levels in a substantially invisible way.

25. (Previously Presented) The method of claim 18, wherein accessing a video signal comprises:

receiving an analog video signal generated at a signal source; and
digitizing the analog video signal.

26. (Previously Presented) The method of claim 18, wherein accessing a video signal comprises:

receiving a digital video signal generated at a signal source.

27. (Previously Presented) The method of claim 18, wherein accessing a video signal further comprises:

accessing a vertical sync signal; and

determining a timing of the plurality of frames from the vertical sync signal, the timing usable for a determination of where in the video signal to begin modulation.

28. (Previously Presented) The method of claim 18, wherein accessing a video signal further comprises:

accessing encoding instructions for the video signal.

29. (Previously Presented) The method of claim 18, wherein producing a modulated video signal by raising luminance of a first frame and lowering luminance of a second frame of the plurality of frames comprises:

producing a modulated video signal by raising luminance of a first frame of the plurality of frames by increasing a first signal by 50-70 mV and lowering luminance of a second frame of the plurality of frames by increasing a second signal by 50-70 mV.

30. (Previously Presented) The method of claim 18, wherein the second frame is located prior to the first frame in the video signal.

31. (Previously Presented) The method of claim 18, wherein the second frame is located after the first frame in the video signal.

32. (Previously Presented) The method of claim 18, wherein the video signal includes a digital video signal.

33. (Currently Amended) A method comprising:

accessing a digital video signal, the video signal comprising a plurality of frames; and

altering intensity of at least two frames of the plurality of frames to encode the digital

video signal, wherein the intensity of the at least two frames are each altered by a different intensity amount so that each of the at least two frames has a different total intensity than the other frame.

34. (Previously Presented) The method of claim 33, wherein encoding the digital video signal by altering intensity of at least two frames of the plurality of frames comprises:

encoding a digital video signal by raising intensity of a first plurality of pixels of a first frame of the plurality of frames and lowering intensity of a second plurality of pixels of a second frame of the plurality of frames in a substantially invisible way.

35. (Currently Amended) A method comprising:

accessing a digital video signal, the video signal comprising a plurality of frames; and
encoding a signal presence in the digital video signal by increasing luminance of a first frame of the plurality of frames and decreasing luminance of a second frame of the plurality of frames in a substantially invisible way, the first frame and the second frame being consecutive frames of the plurality of frames, wherein the increasing of the luminance of the first frame increases total luminance of the first frame and the decreasing of the luminance of the second frame decreases the total luminance of the second frame.

36. (Previously Presented) The method of claim 35, further comprising:

encoding a signal absence in the digital video signal by decreasing luminance of a third frame of the plurality of frames and increasing luminance of a fourth frame of the plurality of frames in a substantially invisible way, the third frame and the fourth frame being consecutive frames of the plurality of frames.

37-45. (Cancelled)

46. (Currently Amended) A ~~machine-readable~~ computer-readable medium comprising instructions, which when executed by a machine, cause the machine to:

access a video signal, the video signal comprising a plurality of frames; and
produce a modulated video signal by raising luminance of a first frame and lowering luminance of a second frame of the plurality of frames, wherein the raising of the luminance of the first frame increases total luminance of the first frame and the lowering of the luminance of the second frame decreases the total luminance of the second frame.

47. (Currently Amended) The ~~machine-readable~~ computer-readable medium of claim 46, wherein instructions causing the machine to produce a modulated video signal causes the machine to:

~~producing~~ produce a modulated video signal by raising luminance of a first plurality of pixels of a first frame of the plurality of frames and lowering luminance of a second plurality of pixels of a second frame of the plurality of frames.